

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP017002-01)

Release Date: 17/06/2024

Re-test Date: 16/06/2027

## 4-Chlorophenothiazine

### Identification

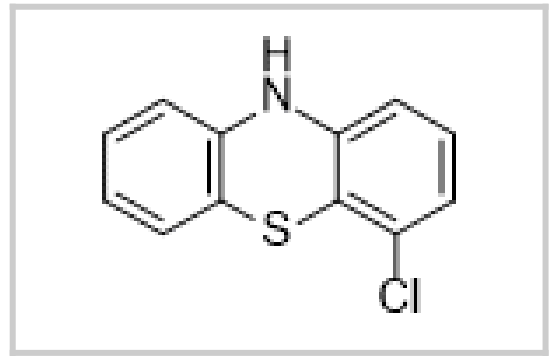
**Chemical Name :**  
4-chloro-10H-phenothiazine

**CAT No.** : KMP017002

**CAS No.** : 7369-69-9

**Molecular Formula** : C<sub>12</sub>H<sub>8</sub>CIN<sub>2</sub>S

**Molecular Weight** : 233.72



### Analytical Information

**Batch No.** : 4-CH-PHE-030-114

**Description** : Off White Solid

**HPLC Purity** : 98.03 %

**Weight Loss By TGA** : 0.77 %

**% Potency** : 97.28 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency** = [100 - 0.77(Weight Loss By TGA)] x [98.03(HPLC Purity)]/100 = 97.28 %

Remarks : Re-tested on 17.06.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		18/06/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		18/06/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA